	· 	,	SDN No. RD8-1078/40J Page 3 of <u>4</u> Copy <u>q</u> of <u>14</u>
TASK 7.	SERVICE AND SUF	ning Visicorders ha	ve been modified and are
when the mer	pment. An alarm curcury-vapor light is rempleted and have bee	not operating. The	l to these units to indicate two buffer-amplifier units S-4 Terminal.
Security Ages		ngineers. They ass the week of 12 May	d and tested in the Washington isted with the first week of visited National which
end by	personnel operatin	ntioned tests were s g the DT-4A Transn	nit Data Terminal, AT-4A
Transmit RF			upporting equipment at the as Government repre-
sentative.	test site. Assist	ing was proceeding at the co	onclusion of this reporting
	ults have been good.		
TASK 8.	AS-6 DATA TELE	METERING SYSTE <u>N</u>	A
LADIL O.			
		gic elements such a	sion digital circuits has been s flip-flops, buffers and d.
	aken by the RF Equip This organization w	ment Section of the as responsible for t	the development of the RF
translator un	it incorporated in the It is believed that m prove directly appli	uch of the developm	N/ARC-68 airborne communient work conducted under that rogram.
cation sets. program will			
program will		re received from	
program will for design an technical pro	ad development of the	re received from Field Unit received test design approach	r front-end modules. To of the three, and their price
program will for design an technical pro was lowest.	nd development of the oposal indicated the baccordingly a sub-case. 4. Also for the F	re received from Field Unit received est design approach contract is being neg	r front-end modules. To of the three, and their price
for design an technical prowas lowest.	nd development of the oposal indicated the baccordingly a sub-case. 4. Also for the F	re received from Field Unit received est design approach contract is being neg	r front-end modules. of the three, and their price of the with the standard with the standard t
for design an technical prowas lowest.	nd development of the oposal indicated the baccordingly a sub-case. 4. Also for the F	re received from Field Unit received est design approach contract is being neg	r front-end modules. of the three, and their price of the with the standard with the standard t

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	·		
	be used to determi specific IF amplifi	ne a set of general design parameters, which will be used for er designs.	
	board model is bei in the Task 4 brea	Development of the Receive (Data) Terminal is progressing. ign of the recognition drawer has been completed and a breading constructed. This design is very similar to the one used dboard station except that additional time redundancy has been recognition reliability. Delay lines as used in the AS-4 and the redered.	
	Contract RD~103.	visited on 23 April to discuss all Tasks of	25 X 1
	2.	assisted in AS-4A testing from 5 to 15 May. were here from to 7 May to repair the component for these tests.	25X1 25X1 25X1
		assisted in AS-4A testing receiving site from 28 April to 9 May. also visited week for indoctrination	25X1 25X1 25X1
	-	visited Washington from for intensive discussions on the AS-6 development, and for roposed new programs.	25X1
/	5.	Progress is satisfactory.	05)//
			25X1
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	•	Informal Progress Report, Contract RD-103 This Decument contains information effecting the Medical Before of the United States within the meaning of the Explanese Level, Title 10, U. S. G., Seatier 171 and 1704, the Tremmission or Revolution of which in any manner to an mentionized person is prohibited by law.	
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and the mobe awarded stepping of problem. Details of several nice GENERAL	da sub-contract for this work. 3. A thorough analysis of the transistorized crystal-controlled scillators is under way, with particular emphasis on the stability Logical design of data conversion digital circuits has been started. the battery discharge-recharge cycle are being investigated with ckel-cadmium cell manufacturers. 1. physerved AS-6 evaluation tests from	
stepping of problem. Details of several mid	da sub-contract for this work. 3. A thorough analysis of the transistorized crystal-controlled scillators is under way, with particular emphasis on the stability Logical design of data conversion digital circuits has been started. the battery discharge-recharge cycle are being investigated with ckel-cadmium cell manufacturers. 1. physerved AS-6 evaluation tests from	
stepping of problem. Details of several nice	ost reasonable price; unless unforeseen difficulties arise, they will da sub-contract for this work. 3. A thorough analysis of the transistorized crystal-controlled scillators is under way, with particular emphasis on the stability Logical design of data conversion digital circuits has been started, the battery discharge-recharge cycle are being investigated with ckel-cadmium cell manufacturers.	
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and the mo	ost reasonable price; unless unforeseen difficulties arise, they will d a sub-contract for this work.	
D:		
front-ends	2. Proposals for design and development of transistorized receives (for use in the AS-6 Field Unit) have been received from roposal indicated that they have the best approach to the development	
programm	1. Contractual coverage for development of the long-term on 24 March.	
TASK 8.	AS-6 DATA TELEMETERING SYSTEM	
	2. Construction of the spare RS-16A receiver has been resumed.	
lamp is no under cons	ot operating. The buffer units which drive the Visicorder are now struction.	
	and are being modified for use with the AS-4 and an alarm circuit is being added to indicate when the mercury vapor	
	1. The two remaining Visicorders have been delivered by	
TASK 7.	SERVICE AND SUPPORT	
by the red	power supplies have been returned to the vendor and will be replaced lesigned version. Testing and calibration of the remaining Test oplies have been completed.	



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TASK 6. RS-16A TEST POWER SUPPLY

Assembly and test of the first power supply has been completed. Assembly of two remaining supplies is well under way and should be completed during the next reporting period.

TASK 7. SERVICE AND SUPPORT

One modified Visicorder unit and its buffer amplifier were delivered to the Government on 21 March. Two more Visicorders have been ordered from they will be modified for use with either the AS-4 or AS-4A.

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TASK 8. DEVELOPMENT OF AS-6

l. This major Task was activated on 7 March. It covers development of the AS-6 Data Telemeter System and construction of one Field Unit and one Base Station. Thus it is the outgrowth of the AS-6 Study being conducted under Task 4. Effort to date has been aimed at organization of the effort, and toward making arrangements for supporting assistance, especially in the area of subcontracts.

with a representative of Contractor's purchasing departs	25 X 1
ment to settle details on the long-term programmer sub-contract. Work	
on this project will begin early in the next reporting period. As a part of	
the same trip, an investigation of the as a possible	25X1
sub-contractor on the transistorized interrogation receiver RF front end	
was made. A proposal was promised by by 15 April. Investigation	25X1
of other possible subcontractors on this program will be made in the near	
future.	
GENERAL	
1. visited on 28 February to observe	25X1
security practices in connection with Contract RD-103.	
2. visited from 4 March	25X1
through 7 March to assist with the units used with	25X1
4hc AS-AA	



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3. On 7 Marc		Contract RD-103.	25 X 1
4. Progress	is satisfactory.		
Lo			25X1

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